



PTO/SB/08 (09-06)

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INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

Date Submitted: March 9, 2007

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Sheet

1

of

3

Complete if Known

Application Number	10/614,115
Filing Date	7/3/2003
First Named Inventor	Vladimir BARANOV
Art Unit	1641
Examiner Name	Lisa V. Cook
Attorney Docket Number	079012-0102

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			

UNPUBLISHED U.S. PATENT APPLICATION DOCUMENTS

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FOREIGN PATENT DOCUMENTS

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LVC	E1	Gold, Larry, et al. (1995). "Diversity of Oligonucleotide Functions". <i>Annual Review of Biochemistry</i> Vol. 64, p. 763-97.	
	E2	Ralf KRUGER et al., "Characterization of a gadolinium-tagged modular contrast agent by element and molecular mass spectrometry", <i>J. Anal. At. Spectrom.</i> , 2004, 19, pp. 852-857.	
	E3	Chao ZHANG et al., "ICP-MS-based competitive immunoassay for the determination of total thyroxine in human serum", <i>J. Anal. At. Spectrom.</i> , 2002, 17, pp. 1304-1307.	
LVC	E4	Sichun ZHANG et al., "Simultaneous Determination of α -Fetoprotein and Free β -Human Chorionic Gonadotropin by Element-Tagged Immunoassay with Detection by Inductively Coupled Plasma Mass Spectrometry", <i>Clinical Chemistry</i> , 50:7, (2004), 1214-1221.	

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LVC	E5	Joanna SZPUNAR, "Advances in analytical methodology for bioinorganic speciation analysis: metallomics, metalloproteomics, and heteroatom-tagged proteomics and metabolomics", Analyst, 2005, 130, 442-465.	
	E6	Feng-Bo WU et al., "Sensitive time-resolved fluoroimmunoassay for simultaneous detection of serum thyroid stimulating hormone and total thyroxin with Eu and Sm as labels", Analytical Biochemistry, 314 (2003), 87-96.	
	E7	Renli MA et al., "Speciation of protein-bound trace elements by gel electrophoresis and atomic spectrometry", Electrophoresis 2004, 25, 2469-2477.	
	E8	Norbert JAKUBOWSKI et al., "Metallobiomolecules. The basis of life, the challenge of atomic spectroscopy", J. Anal. At. Spectrom., 2004, 19, 1-4.	
	E9	An-Ping DENG et al., "Reaction cell inductively coupled plasma mass spectrometry-based immunoassay using ferrocene tethered hydroxysuccinimide ester as label for the determination of 2,4-dichlorophenoxyacetic acid", ANALYTICAL CHIMICA ACTA, 472, 2002, pp. 55-61.	
	E10	Andrew TAYLOR et al., "Atomic spectrometry update. Clinical and biological materials, foods and beverages", J. Anal. At. Spectrom., 2003, 18, PP. 385-427.	
	E11	Mathias WIND et al., "Element and molecular mass spectrometry - an emerging analytical dream team in the life sciences", J. Anal. At. Spectrom., 2004, 19, 20-25.	
	E12	J. Sabine BECKER et al., "Determination of phosphorus in small amounts of protein samples by ICP-MS", Anal. Bioanal Chem 2003, 375:561-566.	
	E13	J. Sabine BECKER et al., "Determination of phosphorus and metals in human brain proteins after isolation by gel electrophoresis by laser ablation inductively coupled plasma source mass spectrometry", J. Anal. At. Spectrom., 2004, 19; 145-152.	
	E14	J. Sabine BECKER et al., "Structural identification and quantification of protein phosphorylations after gel electrophoretic separation using Fourier transform ion cyclotron resonance mass spectrometry and laser ablation inductively coupled plasma mass spectrometry", International Journal of Mass Spectrometry, 228 (2003) 985-997.	
	E15	Alredo SANZ-MEDEL et al., "Trace element speciation by ICP-MS in large biomolecules and its potential for proteomics", Anal. Bioanal Chem (2003) 377:236-247.	
	E16	Vladimir I. BARANOV et al., "The potential for element analysis in biotechnology", J. Anal. At. Spectrom. 2002, 17, 1148-1152.	
	E17	Zoe A. QUINN et al., "Simultaneous determination of proteins using an element-tagged immunoassay coupled with ICP-MS detection", JAAS, 2002, 17, 892-896.	
LVC	E18	Vladimir I. BARANOV et al., "A Sensitive and Quantitative Element-Tagged Immunoassay with ICPMS Detection", Anal. Chem. 2002, 74, 1629-1636.	

Examiner Signature	<i>Lisa V. Cook</i>	Date Considered	5/14/07
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